

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number
WO 2005/036946 A1

(51) International Patent Classification⁷: A01C 7/04

(21) International Application Number:
PCT/DK2004/000720

(22) International Filing Date: 20 October 2004 (20.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2003 01535 20 October 2003 (20.10.2003) DK

(71) Applicant (for all designated States except US): BENTLE
PRODUCTS AG (CH/CH); Oberneuhofstrasse 5, PO Box
107, CH-6341 Baar (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): AHM, Poul, Hen-
rik [DK/ES]; Adf. Mar Bella, Alíco A, Calle San Pedro,
43, E-03590 Altea (ES). ANDERSEN, Carsten [DK/DK];
Teglbackvej 15, DK-8361 Hasselager (DK).

(74) Agent: CHAS.HUDE A/S; 33, H.C. Andersens Boule-
vard, DK-1780 Copenhagen V (DK).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

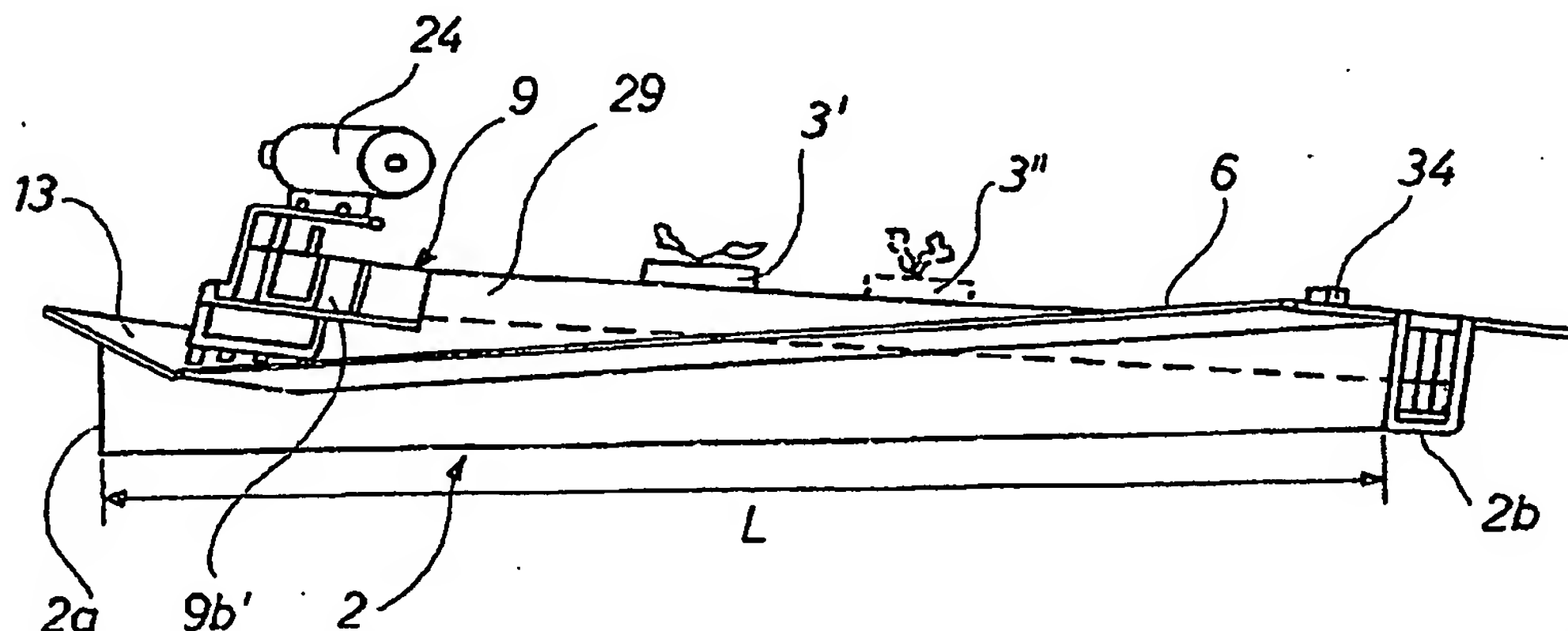
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: MACHINE FOR BEDDING OUT SEED OR PLANT TAPES



(57) **Abstract:** A machine for bedding out seed or plant tapes includes a frame (4), where a bedding out unit (2) provided with a plough member (6) is mounted on said frame. The plough member is associated with a conveyor (9) with continuous belts. The bedding out unit is furthermore provided with a supporting plate (13) for a supply container (14) for seed or plant tapes (3) to be bedded out. The plough member (6) of the bedding out unit (2) is of a U-shaped cross section, and at the top the U-shaped cross section includes stabilising webs (7a, 7b). The plough member (6) is of a length (6) of at least approximately 30 cm and a width (b) across the U of 15 to 40 mm. The conveyor of the plough member (6) is a very inclined main conveyor (9) with two continuous conveyor belts (10, 11) arranged close to one another, but with a mutual adjustable distance (a). The main conveyor (9) extends across a major portion of the length (L) of the plough member (6). The supporting plate (13) is angularly adjustable, and two pressure wheels (16a, 16b) are mounted on the rear end of the machine for pressing down the earth around the seed or plant tape portion bedded out.

Best Available Copy

WO 2005/036946 A1